IN THE SPECIFICATION

1. Please add the sub-title and 8 paragraphs below before the *Brief Description of the Drawings* sub-title on page 2 at line 20:

Summary of the Invention

The present invention encompasses a method for data transmission within a wireless communication system. The method comprises the steps of transmitting data over a wireless data channel at a data rate, determining that no more data needs to be transmitted, and delaying dropping the data channel for a time period based on the data rate.

The present invention additionally encompasses a method for data transmission within a Code Division, Multiple Access (CDMA) wireless communication system. The method comprises the steps of operating a data transmitter in a CDMA Active state and determining that no more data needs to be transmitted over a CDMA supplemental channel. Prior to operating the data transmitter in a Control Hold state, transition to the Control Hold state is delayed for a period of time. In the preferred embodiment of the present invention the period of time is based on a data rate.

The present invention additionally encompasses an apparatus comprising channel circuitry for transmitting data, and a timer coupled to the channel circuitry, wherein the timer delays deactivation of the channel circuitry after data transmission for a period of time, wherein the period of time is based on a data rate.

The present invention additionally encompasses a method for data transmission within a wireless communication system. The method comprises the steps of transmitting data to a first receiver over a first plurality of frames on a data channel, wherein the first plurality of frames are assigned to the first receiver, and transmitting data to the first receiver, over a frame on the data channel for a period of time. In the preferred embodiment of the present invention the frame is assigned to a second receiver, the frame is not part of the first plurality of frames, and the period of time is based on a time to transfer from a hold state to an active state. Second data is then transmitted to a second receiver over the frame.

The present invention additionally encompasses a method for data transmission within a wireless communication system. The method comprises the steps of receiving data via a first receiver from over a first plurality of frames on a data channel, wherein the first plurality of frames are assigned to the first receiver, and receiving data via the first receiver, over a frame on

the data channel for a period of time. In the preferred embodiment of the present invention, the frame is assigned to a second receiver, the frame is not part of the first plurality of frames, and the period of time is based on a time to transfer from a hold state to an active state.

The present invention additionally encompasses an apparatus for data transmission within a wireless communication system, the apparatus comprising means for transmitting data over a first plurality of frames on a data channel, wherein the first plurality of frames are assigned to the first receiver, and means for transmitting data over a frame on the data channel for a period of time. In the preferred embodiment of the present invention the frame is assigned to a second receiver and the frame is not part of the first plurality of frames.

The present invention additionally encompasses a method for data transmission within a General Packet Radio Service (GPRS) communication system. The method comprises the steps of establishing a temporary block flow (TBF) between a transmitting device and a receiving device to transmit data over a data channel, determining that no more data needs to be transmitted to the receiving device and delaying termination of the TBF by transmitting dummy data over the data channel.

The present invention additionally encompasses a base station or a mobile unit comprising means for establishing a temporary block flow (TBF) between a transmitting device and a receiving device to transmit data over a data channel, means for determining that no more data needs to be transmitted to the receiving device, and means for delaying termination of the TBF by transmitting dummy data over the data channel.

2. Please add the 6 sentences below to the *Brief Description of the Drawings* section beginning on page 3 at line 1:

FIG. 7 illustrates data transmission in accordance with various GPRS embodiments of the present invention.

FIG. 8 illustrates a call-flow diagram for messaging/data transmission in accordance with the preferred embodiment of the present invention.

FIG. 9 illustrates a call-flow diagram where downlink data transmission takes place from a base station to a remote unit.

FIG. 10 illustrates a call-flow diagram where uplink data transmission takes place from a remote unit to a base station.

FIG. 11 illustrates a call-flow diagram where uplink data transmission takes place from a remote unit to a base station.

FIG. 12 illustrates a call-flow diagram where uplink data transmission takes place from a remote unit to a base station.